

West Central Region Occupational Projections 2020-2030

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Occupational projections are produced every two years and are published in July of even numbered years. Occupations are classified using the Standard Occupational Classification (SOC) system. Major occupation groups are at the two digit SOC level, while detailed c

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Major Occupation Group Information

Occupation		2020	2030	2020-2030		2020 Wages				Annual Openings			
SOC Code	Title	Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total
00-0000	Total, All Occupations	89,588	93,890	4,302	4.8%	\$22,992	\$39,776	\$32,165	\$47,497	4,113	6,165	430	10,708
11-0000	Management Occupations	4,792	4,996	204	4.3%	\$48,910	\$81,140	\$71,460	\$99,019	168	240	20	428
13-0000	Business and Financial Operations Occupations	2,601	2,703	102	3.9%	\$43,890	\$60,483	\$57,088	\$73,983	69	152	10	231
15-0000	Computer and Mathematical Occupations	794	871	77	9.7%	\$45,065	\$66,634	\$60,773	\$84,385	17	41	8	66
17-0000	Architecture and Engineering Occupations	414	474	60	14.5%	\$55,010	\$75,987	\$72,717	\$94,680	11	21	6	38
19-0000	Life, Physical, and Social Science Occupations	352	370	18	5.1%	\$45,449	\$72,254	\$60,686	\$83,209	8	24	2	34
21-0000	Community and Social Service Occupations	1,779	1,932	153	8.6%	\$33,301	\$41,574	\$39,075	\$48,177	58	117	15	190
23-0000	Legal Occupations	442	488	46	10.4%	\$29,243	\$59,715	\$37,268	\$68,469	14	20	5	39
25-0000	Education, Training, and Library Occupations	6,416	6,718	302	4.7%	\$32,918	\$45,122	\$41,278	\$51,667	239	289	30	558
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,118	1,185	67	6.0%	\$27,799	\$44,119	\$38,597	\$52,383	42	74	7	123
29-0000	Healthcare Practitioners and Technical Occupations	5,029	5,376	347	6.9%	\$37,451	\$62,246	\$52,919	\$69,136	137	170	35	342
31-0000	Healthcare Support Occupations	6,002	6,681	679	11.3%	\$20,795	\$25,311	\$23,459	\$26,943	390	375	68	833
33-0000	Protective Service Occupations	1,678	1,670	-8	-0.5%	\$23,774	\$39,702	\$35,170	\$49,740	67	98	-1	164
35-0000	Food Preparation and Serving Related Occupations	8,155	9,290	1,135	13.9%	\$19,865	\$23,346	\$20,600	\$24,436	612	874	114	1,600
37-0000	Building and Grounds Cleaning and Maintenance Occupations	3,370	3,523	153	4.5%	\$20,746	\$27,925	\$24,571	\$32,307	190	256	15	461
39-0000	Personal Care and Service Occupations	1,420	1,603	183	12.9%	\$20,123	\$26,609	\$21,062	\$28,547	99	119	18	236
41-0000	Sales and Related Occupations	8,475	8,266	-209	-2.5%	\$21,685	\$36,191	\$26,626	\$39,764	465	663	-21	1,107
43-0000	Office and Administrative Support Occupations	9,949	9,443	-506	-5.1%	\$25,172	\$35,066	\$31,787	\$40,806	455	572	-51	976
45-0000	Farming, Fishing, and Forestry Occupations	2,089	2,125	36	1.7%	\$27,473	\$33,096	\$30,627	\$37,242	88	239	4	331
47-0000	Construction and Extraction Occupations	3,485	3,650	165	4.7%	\$32,545	\$44,538	\$39,324	\$54,249	110	241	16	367
49-0000	Installation, Maintenance, and Repair Occupations	4,442	4,584	142	3.2%	\$31,876	\$47,976	\$43,019	\$61,852	142	283	14	439
51-0000	Production Occupations	8,531	8,942	411	4.8%	\$29,896	\$39,408	\$36,797	\$46,311	327	636	41	1,004
53-0000	Transportation and Material Moving Occupations	8,255	9,000	745	9.0%	\$23,956	\$35,092	\$30,309	\$40,417	406	663	74	1,143

Please see Notes tab for further explanation of data.

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Long-Term Occupational Projections for West Central Region

Top Job Outlook by Now, Next, and Later Categories

Outlook defined by Career Grades which consider openings, growth rate, and wages

NOW Top Job Outlook - West Central			
NOW jobs typically require high school education or less and short-term training			
Grade	Occupation Title	Annual Openings	Average Annual Wage
B+	Home Health and Personal Care Aides	525	\$23,221
B	Fast Food and Counter Workers	375	\$22,968
B+	Waiters and Waitresses	350	\$21,534
B+	Laborers and Freight, Stock, and Material Movers, Hand	293	\$28,528
B	Retail Salespersons	253	\$30,065
B	Stockers and Order Fillers	205	\$26,998
B	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	181	\$27,735
B	Landscaping and Groundskeeping Workers	150	\$30,278
A	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	148	\$26,856
B	Farmworkers, Farm, Ranch, and Aquacultural Animals	125	\$31,431
B	Cooks, Institution and Cafeteria	102	\$24,251
B+	Construction Laborers	88	\$42,624
B	Cleaners of Vehicles and Equipment	71	\$26,505
B	Industrial Truck and Tractor Operators	53	\$34,470
B+	Light Truck or Delivery Services Drivers	51	\$39,481
B	Meat, Poultry, and Fish Cutters and Trimmers	47	\$28,422
B	Ushers, Lobby Attendants, and Ticket Takers	35	\$22,039

NEXT Top Job Outlook - West Central			
NEXT jobs typically require moderate/long-term training or experience or education beyond high school			
Grade	Occupation Title	Annual Openings	Average Annual Wage
A	Cooks, Restaurant	279	\$23,775
B	Nursing Assistants	188	\$24,800
B+	Heavy and Tractor-Trailer Truck Drivers	181	\$46,418
B	Maintenance and Repair Workers, General	144	\$36,866
B	Teaching Assistants, Except Postsecondary	94	\$24,987
A	First-Line Supervisors of Production and Operating Workers	64	\$58,896
B	Licensed Practical and Licensed Vocational Nurses	61	\$42,095
A	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	61	\$48,824
B	Automotive Service Technicians and Mechanics	60	\$37,042
B	Food Batchmakers	59	\$37,123
B+	Welders, Cutters, Solderers, and Brazers	57	\$37,493
B	Medical Secretaries	50	\$32,050
B	Insurance Sales Agents	46	\$51,981
B	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	43	\$43,286
B	Medical Assistants	38	\$29,350
B	Parts Salespersons	38	\$38,144
B	Dental Assistants	36	\$37,265
B	FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft Cargo Handling Supervisor	34	\$50,136
B	Operating Engineers and Other Construction Equipment Operators	30	\$54,841
B	Production, Planning, and Expediting Clerks	29	\$38,227

LATER Top Job Outlook - West Central			
LATER jobs typically require a Bachelor's degree or higher education			
Grade	Occupation Title	Annual Openings	Average Annual Wage
B	Secondary School Teachers, Except Special and Career/Technical Education	167	\$43,959
A	General and Operations Managers	134	\$73,853
A	Registered Nurses	98	\$61,338
B	Elementary School Teachers, Except Special Education	53	\$45,680
B	Project Management Specialists and Business Operations Specialists, All Other	41	\$67,832
B+	Accountants and Auditors	38	\$54,675
B	Educational, Guidance, School, and Vocational Counselors	32	\$46,929

B	Substitute Teachers, Short-Term	31	\$27,010
B	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	26	\$41,555
B	Loan Officers	24	\$71,404
A+	Medical and Health Services Managers	21	\$100,849
B+	Market Research Analysts and Marketing Specialists	20	\$59,482
B	Education Administrators, Elementary and Secondary School	18	\$80,942
A	Industrial Engineers	17	\$84,285
A	Industrial Production Managers	15	\$102,599
B	Mental Health and Substance Abuse Social Workers	14	\$51,884
B	Art, Drama, and Music Teachers, Postsecondary	14	\$79,615
A	Software Developers and Software Quality Assurance Analysts and Testers	12	\$79,934
B+	Lawyers	12	\$73,565
B	Chief Executives	11	\$103,723

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center
Please see Notes tab for additional details

Long-Term Occupational Projections for West Central Region

Top Job Openings by Now, Next, and Later Categories

Openings based on job growth as well as replacement needs due to exits or transfers

NOW Top Job Openings - West Central			
NOW jobs typically require high school education or less and short-term training			
Grade	Occupation Title	Annual Openings	Average Annual Wage
B+	Home Health and Personal Care Aides	525	\$23,221
C	Cashiers	458	\$23,655
B	Fast Food and Counter Workers	375	\$22,968
B+	Waiters and Waitresses	350	\$21,534
B+	Laborers and Freight, Stock, and Material Movers, Hand	293	\$28,528
B	Retail Salespersons	253	\$30,065
C+	Office Clerks, General	215	\$31,527
B	Stockers and Order Fillers	205	\$26,998
B	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	181	\$27,735
B	Landscaping and Groundskeeping Workers	150	\$30,278
A	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	148	\$26,856
C+	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	125	\$32,896
B	Farmworkers, Farm, Ranch, and Aquacultural Animals	125	\$31,431
B	Cooks, Institution and Cafeteria	102	\$24,251
B+	Construction Laborers	88	\$42,624
C+	Customer Service Representatives	79	\$31,704
B	Cleaners of Vehicles and Equipment	71	\$26,505
C+	Helpers--Production Workers	61	\$30,895
B	Industrial Truck and Tractor Operators	53	\$34,470
B+	Light Truck or Delivery Services Drivers	51	\$39,481

NEXT Top Job Openings - West Central			
NEXT jobs typically require moderate/long-term training or experience or education beyond high school			
Grade	Occupation Title	Annual Openings	Average Annual Wage
A	Cooks, Restaurant	279	\$23,775
B	Nursing Assistants	188	\$24,800
B+	Heavy and Tractor-Trailer Truck Drivers	181	\$46,418
B	Maintenance and Repair Workers, General	144	\$36,866
B	Teaching Assistants, Except Postsecondary	94	\$24,987
C+	Miscellaneous Assemblers and Fabricators	72	\$31,874
C+	Bookkeeping, Accounting, and Auditing Clerks	66	\$34,212
A	First-Line Supervisors of Production and Operating Workers	64	\$58,896
B	Licensed Practical and Licensed Vocational Nurses	61	\$42,095
A	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	61	\$48,824
B	Automotive Service Technicians and Mechanics	60	\$37,042
C+	Inspectors, Testers, Sorters, Samplers, and Weighers	60	\$41,947
B	Food Batchmakers	59	\$37,123
B+	Welders, Cutters, Solderers, and Brazers	57	\$37,493
C+	Police and Sheriff's Patrol Officers	54	\$43,885
B	Medical Secretaries	50	\$32,050
B	Insurance Sales Agents	46	\$51,981
C	Loan Interviewers and Clerks	45	\$30,670
C+	Carpenters	45	\$35,218
B	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	43	\$43,286

LATER Top Job Openings - West Central			
LATER jobs typically require a Bachelor's degree or higher education			
Grade	Occupation Title	Annual Openings	Average Annual Wage

B	Secondary School Teachers, Except Special and Career/Technical Education	167	\$43,959
A	General and Operations Managers	134	\$73,853
A	Registered Nurses	98	\$61,338
B	Elementary School Teachers, Except Special Education	53	\$45,680
B	Project Management Specialists and Business Operations Specialists, All Other	41	\$67,832
B+	Accountants and Auditors	38	\$54,675
C+	Child, Family, and School Social Workers	35	\$35,758
B	Educational, Guidance, School, and Vocational Counselors	32	\$46,929
B	Substitute Teachers, Short-Term	31	\$27,010
B	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	26	\$41,555
B	Loan Officers	24	\$71,404
C+	Human Resources Specialists	23	\$52,497
A+	Medical and Health Services Managers	21	\$100,849
B+	Market Research Analysts and Marketing Specialists	20	\$59,482
C+	Graphic Designers	20	\$52,889
C	Public Relations Specialists	19	\$44,415
B	Education Administrators, Elementary and Secondary School	18	\$80,942
A	Industrial Engineers	17	\$84,285
C+	Healthcare Social Workers	16	\$40,647
A	Industrial Production Managers	15	\$102,599

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center
Please see Notes tab for additional details

Long-Term Occupational Projections for West Central Region

Fastest Growing Occupations by Now, Next, and Later Categories

Fastest growth defined by percent growth from base year to projected year

NOW Fastest Growing Occupations - West Central				
NOW jobs typically require high school education or less and short-term training				
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage
B	Ushers, Lobby Attendants, and Ticket Takers	32.5%	35	\$22,039
A	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	19.9%	148	\$26,856
B+	Light Truck or Delivery Services Drivers	14.8%	51	\$39,481
B+	Home Health and Personal Care Aides	14.8%	525	\$23,221
C+	School Bus Monitors and Protective Service Workers, All Other	14.0%	12	\$28,812
B+	Waiters and Waitresses	12.2%	350	\$21,534
C+	Driver/Sales Workers	8.9%	25	\$32,532
B+	Laborers and Freight, Stock, and Material Movers, Hand	8.8%	293	\$28,528
B	Fast Food and Counter Workers	8.6%	375	\$22,968
B	Cleaners of Vehicles and Equipment	8.6%	71	\$26,505
C+	Machine Feeders and Offbearers	8.5%	8	\$35,629
C+	Slaughterers and Meat Packers	8.1%	16	\$27,174
B	Industrial Truck and Tractor Operators	8.0%	53	\$34,470
B+	Construction Laborers	7.7%	88	\$42,624
B	Meat, Poultry, and Fish Cutters and Trimmers	6.4%	47	\$28,422
B	Landscaping and Groundskeeping Workers	6.2%	150	\$30,278
B	Stockers and Order Fillers	5.2%	205	\$26,998
C	Hotel, Motel, and Resort Desk Clerks	4.6%	14	\$24,480
C	Amusement and Recreation Attendants	4.6%	9	\$25,636
C	Laundry and Dry-Cleaning Workers	4.4%	12	\$23,054

NEXT Fastest Growing Occupations - West Central				
NEXT jobs typically require moderate/long-term training or experience or education beyond high school				
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage
A	Cooks, Restaurant	42.3%	279	\$23,775
B+	Respiratory Therapists	26.3%	6	\$56,259
B+	Tool and Die Makers	25.9%	11	\$51,161
A	Industrial Machinery Mechanics	22.1%	27	\$59,001
B	Fitness Trainers and Aerobics Instructors	20.5%	15	\$30,172
B+	Welders, Cutters, Solderers, and Brazers	19.2%	57	\$37,493
B	Paralegals and Legal Assistants	18.4%	20	\$34,249
B	Farm Equipment Mechanics and Service Technicians	18.1%	19	\$43,622
C+	Phlebotomists	15.1%	7	\$31,333
C+	Hairdressers, Hairstylists, and Cosmetologists	14.8%	24	\$24,779
B	Production Workers, All Other	13.9%	21	\$43,245
B	Medical Assistants	13.3%	38	\$29,350
B	Production, Planning, and Expediting Clerks	13.0%	29	\$38,227
C+	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	12.7%	7	\$35,380
B	Computer Network Support Specialists	12.7%	6	\$53,420
A	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	12.7%	61	\$48,824
B	Physical Therapist Assistants	12.5%	7	\$56,018
C+	Psychiatric Technicians	12.3%	12	\$32,628
B	Computer Numerically Controlled Tool Operators	11.9%	14	\$43,851
B	Agricultural Equipment Operators	11.8%	20	\$40,416

LATER Fastest Growing Occupations - West Central				
LATER jobs typically require a Bachelor's degree or higher education				
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage
A+	Nurse Practitioners	40.4%	11	\$104,628
A+	Medical and Health Services Managers	26.7%	21	\$100,849
A	Software Developers and Software Quality Assurance Analysts and Testers	26.4%	12	\$79,934
A	Industrial Engineers	26.1%	17	\$84,285
B+	Health Specialties Teachers, Postsecondary	20.5%	5	\$79,925
B	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	19.3%	26	\$41,555
B+	Market Research Analysts and Marketing Specialists	18.9%	20	\$59,482

A	Nursing Instructors and Teachers, Postsecondary	18.0%	9	\$73,088
B+	Logisticians	17.4%	5	\$77,003
A	Marketing Managers	16.7%	3	\$83,257
C+	Meeting, Convention, and Event Planners	14.9%	7	\$33,149
A	Financial Managers	14.2%	10	\$107,446
B+	Occupational Therapists	13.7%	4	\$84,657
B+	Physical Therapists	13.5%	5	\$85,683
B+	Database Administrators and Architects	13.0%	5	\$88,090
B+	Management Analysts	12.1%	10	\$69,856
A	Industrial Production Managers	11.0%	15	\$102,599
C+	Community and Social Service Specialists, All Other	10.5%	10	\$34,198
B	Mental Health and Substance Abuse Social Workers	10.1%	14	\$51,884
B	Chiropractors	10.0%	1	\$54,240

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center
Please see Notes tab for additional details

Long-Term Occupational Projections for West Central Region

All Occupation Information

Occupation		Grade		N		N		SOC Code		Title		2020 Wages										Education, Experience, and Training										ACT Workkeys Assessment Levels						STEM CORE or Related
												Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total	Typical Education Required	Typical Experience Required	Typical Job Training	Minimum	Median	Minimum	Median	Minimum	Median						
00-0000 Total, All Occupations													89,588	93,890	4,302	4.8%	\$22,992	\$39,776	\$32,165	\$47,497	4,113	6,165	430	10,708														
11-0000 Management Occupations													4,792	4,996	204	4.3%	\$48,910	\$81,140	\$71,460	\$99,019	168	240	20	428														
B	LATER	11-0011	Chief Executive Officers	203	187	-16	-7.9%	\$58,463	\$103,723	\$94,621	\$140,339	5	8	-2	11	Bachelor's degree	5 years or more	None	4	5	5	6	4	5														
A	LATER	11-0021	General and Operations Managers	1,441	1,552	111	7.7%	\$43,882	\$73,853	\$59,631	\$82,968	30	93	11	134	Bachelor's degree	5 years or more	None	3	5	3	5	5	4	5													
C+	LATER	11-0031	Legislators	99	100	1	1.0%	\$19,876	\$46,284	\$20,939	\$52,539	2	5	0	7	Bachelor's degree	Less than 5 years	None	3	5	4	6	4	5														
C+	LATER	11-2011	Advertising and Promotions Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	3	4	3	5	3	5	3	4													
A	LATER	11-2021	Marketing Managers	30	35	5	16.7%	\$57,867	\$83,257	\$64,519	\$105,579	1	2	0	3	Bachelor's degree	5 years or more	None	7	7	5	5	5	5	4													
A	LATER	11-2022	Sales Managers	48	51	3	6.3%	\$106,674	\$144,888	\$137,013	\$196,260	1	3	0	4	Bachelor's degree	Less than 5 years	None	3	4	4	5	5	4	4													
A	LATER	11-2030	Public Relations and Fundraising Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	4	5	5	5	5	4	5														
B	LATER	11-3010	Administrative Services and Facilities Managers	103	107	4	3.9%	\$63,323	\$83,231	\$79,025	\$101,011	3	5	0	8	Bachelor's degree	Less than 5 years	None	3	5	4	5	4	5														
B+	LATER	11-3021	Computer and Information Systems Managers	72	78	6	8.3%	\$74,307	\$94,395	\$85,681	\$114,343	1	4	1	6	Bachelor's degree	5 years or more	None	5	5	5	5	5	5														
A	LATER	11-3031	Financial Managers	106	121	15	14.2%	\$79,231	\$107,446	\$105,120	\$131,681	2	6	2	10	Bachelor's degree	5 years or more	None	4	5	3	5	4	5														
A	LATER	11-3051	Industrial Production Managers	173	192	19	11.0%	\$75,650	\$102,599	\$89,474	\$116,593	4	9	2	15	Bachelor's degree	5 years or more	None	3	4	3	4	4	4	5													
B	LATER	11-3061	Purchasing Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	4	5	4	4	4	4	4	5													
B	NEXT	11-3071	Transportation, Storage, and Distribution Managers	39	41	2	5.1%	\$77,978	\$91,191	\$94,261	\$105,440	1	2	0	3	High school diploma or equivalent	5 years or more	None	3	4	3	4	3	4	4													
A	LATER	11-3121	Human Resources Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	3	5	4	5	4	5	4	5													
A	LATER	11-3131	Training and Development Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	4	4	5	5	4	4	5														
B+	NEXT	11-9013	Farmers, Ranchers, and Other Agricultural Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	5 years or more	None	4	6	5	5	4	4	5														
B	LATER	11-9021	Construction Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	Moderate-term on-the-job training	4	5	3	6	3	5															
C	LATER	11-9031	Education Administrators, Preschool and Childcare Center/Program	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	4	4	5	5	5	4	4	5													
B	LATER	11-9032	Education Administrators, Elementary and Secondary School	228	239	11	4.8%	\$71,025	\$80,342	\$80,598	\$92,836	6	11	1	18	Master's degree	5 years or more	None	5	5	5	5	5	5	5													
A	LATER	11-9033	Education Administrators, Postsecondary	136	141	5	3.7%	\$65,096	\$99,286	\$89,921	\$120,591	3	6	0	9	Master's degree	Less than 5 years	None	3	7	5	5	4	4	5													
C	LATER	11-9039	Education Administrators, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	3	4	4	4	4	4	4	5													
A	LATER	11-9041	Architectural and Engineering Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	7	7	6	7	5	5	5	5													
C+	NEXT	11-9051	Food Service Managers	67	74	7	10.5%	\$29,415	\$39,835	\$35,758	\$43,692	2	6	1	9	High school diploma or equivalent	Less than 5 years	None	3	3	4	4	3	4	4	5												
A+	LATER	11-9111	Medical and Health Services Managers	187	237	50	26.7%	\$68,687	\$100,349	\$83,161	\$121,520	2	11	5	21	Bachelor's degree	Less than 5 years	None	3	4	3	4	3	4	4	5												
B	LATER	11-9121	Natural Sciences Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	5	6	4	5	4	4	5														
C	NEXT	11-9131	Postmasters and Mail Superintendents	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	3	4	3	4	3	4	3	4	4												
D	NEXT	11-9141	Property, Real Estate, and Community Association Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	None	3	4	3	4	4	4	4	4	5												
C+	LATER	11-9151	Social and Community Service Managers	97	99	2	2.1%	\$44,085	\$53,944	\$51,399	\$62,633	3	5	0	8	Bachelor's degree	Less than 5 years	None	3	4	4	5	4	4	4	5												
B	LATER	11-9161	Emergency Management Directors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	3	4	4	5	4	4	5	4	5												
B	LATER	11-9198	Personal Service Managers; Entertainment & Recreation Managers,	59	61	2	3.4%	\$60,738	\$93,476	\$86,967	\$122,418	1	3	0	4	Bachelor's degree	Less than 5 years	None	3	4	4	5	3	4	5													
13-0000 Business and Financial Operations Occupations													2,601	2,703	102	3.9%	\$43,890	\$60,483	\$57,088	\$73,983	69	152	10	231														
C	LATER	13-1011	Agents and Business Managers of Artists, Performers, and Athletes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	4	5	3	5	3	4	5														
C+	LATER	13-1020	Buyers and Purchasing Agents	123	121	-2	-1.6%	\$46,927	\$64,159	\$59,489	\$78,665	4	8	0	12	Bachelor's degree	None	Moderate-term on-the-job training	5	5	4	4	4	5														
C	NEXT	13-1031	Claims Adjusters, Examiners, and Investigators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	4	3	4	3	4													
C+	LATER	13-1041	Compliance Officers	96	96	0	0.0%	\$47,901	\$63,742	\$63,498	\$78,235	2	5	0	7	Bachelor's degree	None	Moderate-term on-the-job training	3	3	4	4	4	3	4													
B	LATER	13-1051	Cost Estimators	73	76	3	4.1%	\$42,993	\$64,628	\$56,082	\$77,636	2	4	0	6	Bachelor's degree	None	Moderate-term on-the-job training	5	5	4	4	4	4	4	5												
C+	LATER	13-1071	Human Resources Specialists	233	241	8	3.4%	\$41,608	\$52,497	\$46,291	\$66,296	6	16	1	23	Bachelor's degree	None	None	3	4</																		

C	LATER	25-1193	Recreation and Fitness Studies Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6	
C	LATER	25-1194	Vocational Education Teachers, Postsecondary	71	71	0	0.0%	\$48,742	\$64,143	\$67,704	\$79,304	3	3	0	6	Bachelor's degree	Less than 5 years	None	None	3	4	7	7	5	6	7	5	6	6	
C	LATER	25-1199	Postsecondary Teachers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6	
C	NEXT	25-2011	Preschool Teachers, Except Special Education	n/a	n/a	n/a	n/a	\$32,788	\$36,799	\$36,383	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate degree	None	None	4	4	3	4	4	5	
C	LATER	25-2012	Kindergarten Teachers, Except Special Education	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5	
B	LATER	25-2021	Elementary School Teachers, Except Special Education	688	714	26	3.8%	\$35,906	\$45,680	\$41,616	\$50,667	22	28	3	53	Bachelor's degree	None	None	4	4	5	6	4	5	6	4	5	6		
C+	LATER	25-2022	Middle School Teachers, Except Special and Career/Technical Educa	n/a	n/a	n/a	n/a	\$38,451	\$48,057	\$44,765	\$50,836	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5	
B	LATER	25-2031	Secondary School Teachers, Except Special and Career/Technical Educa	2,295	2,392	97	4.2%	\$36,813	\$43,959	\$42,934	\$49,823	62	95	10	167	Bachelor's degree	None	None	4	4	5	6	4	5	6	4	5	6		
C	LATER	25-2032	Career/Technical Education Teachers, Secondary School	n/a	n/a	n/a	n/a	\$43,837	\$52,218	\$48,020	\$55,420	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	None	3	3	5	6	4	5
C	LATER	25-2052	Special Education Teachers, Kindergarten and Elementary School	n/a	n/a	n/a	n/a	\$35,206	\$40,780	\$39,097	\$45,118	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5	
C	LATER	25-2057	Special Education Teachers, Middle School	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5	
C+	LATER	25-2058	Special Education Teachers, Secondary School	n/a	n/a	n/a	n/a	\$38,757	\$46,744	\$45,132	\$52,955	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5	
C+	LATER	25-2059	Special Education Teachers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5	
C	LATER	25-3011	Adult Basic and Secondary Education and Literacy Teachers and Inst	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5	
B	NEXT	25-3021	Self-Enrichment Education Teachers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	None	None	4	4	4	4	5	
B	LATER	25-3031	Substitute Teachers, Short-Term	242	262	20	8.3%	\$19,674	\$27,010	\$23,693	\$29,310	15	14	2	31	Bachelor's degree	None	None	4	4	5	6	4	5	6	4	5	6		
B	LATER	25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	56	61	5	8.9%	\$24,548	\$45,779	\$41,636	\$62,357	4	3	0	7	Bachelor's degree	None	None	4	4	5	6	4	5	6	4	5	6		
C	LATER	25-4012	Curators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None	4	4	5	6	4	5	
C	LATER	25-4013	Museum Technicians and Conservators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	4	5	4	5	
C+	LATER	25-4022	Librarians and Media Collections Specialists	102	107	5	4.9%	\$41,109	\$48,212	\$47,268	\$56,312	5	5	0	10	Master's degree	None	None	8	8	8	10	8	8	8	8	8	8		
D	NEXT	25-4031	Library Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	None	3	4	3	4	3	4	
D	LATER	25-9021	Farm and Home Management Advisors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None	3	5	4	5	4	5	
C	LATER	25-9031	Instructional Coordinators	n/a	n/a	n/a	n/a	\$51,512	\$54,944	\$55,828	\$60,491	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	5 years or more	None	None	3	3	4	3	4	
D	LATER	25-9044	Teaching Assistants, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	5	5	7	7	5	6	
B	NEXT	25-9045	Teaching Assistants, Except Postsecondary	970	1,009	39	4.0%	\$19,878	\$24,987	\$24,253	\$29,113	44	46	4	94	Some college, no degree	None	None	3	4	3	4	4	3	3	4	3	3	4	
D	LATER	25-9099	Education, Training, and Library Workers, All Other	36	34	-2	-5.6%	\$20,094	\$38,787	\$39,525	\$48,491	2	2	0	4	Bachelor's degree	None	None	3	4	4	4	4	4	4	4	4	4	4	
27-0000 Arts, Design, Entertainment, Sports, and Media Occupations																														
B+	LATER	27-1011	Art Directors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	None	3	4	4	5	5	5
B	LATER	27-1014	Multimedia Artists and Animators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	3	4	3	4	4	4	
F	NEXT	27-1023	Fiscal Designers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	None	Moderate-term on-the-job training	3	3	4	4	3	4
C	LATER	27-1024	Graphic Designers	224	226	2	0.9%	\$36,547	\$52,889	\$46,563	\$74,046	7	13	0	20	Bachelor's degree	None	None	3	4	3	4	4	4	4	4	4	4	4	
D	NEXT	27-1026	Merchandise Displayers and Window Trimmers	41	40	-1	-2.4%	\$27,414	\$33,410	\$30,383	\$35,397	1	2	0	3	High school diploma or equivalent	None	None	3	3	3	3	4	4	4	4	4	4	4	
F	LATER	27-1027	Set and Exhibit Designers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	6	6	4	4	4	4	
n/a	LATER	27-1029	Designers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	3	5	3	4	4	3	4
B	NEXT	27-2011	Actors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Some college, no degree	None	None	Long-term on-the-job training	3	3	4	3	4	
C+	LATER	27-2012	Producers and Directors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	None	3	4	3	5	3	4
C	NEXT	27-2021	Athletes and Sports Competitors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	None	Long-term on-the-job training	4	4	3	4	3	4
B	LATER	27-2022	Coaches and Scouts	n/a	n/a	n/a	n/a	\$19,789	\$37,218	\$30,236	\$47,062	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	3	4	4	4	3	4	
D	NEXT	27-2023	Umpires, Referees, and Other Sports Officials	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	None	Moderate-term on-the-job training	3	4	4	4	3	4
B	LATER	27-2042	Musicians and Singers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	None	Long-term on-the-job training	3	3	3	4	3	4
D	LATER	27-3011	Radio and Television Announcers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	3	3	4	6	3	4	
D	LATER	27-3023	News Analysts, Reporters, and Journalists	48	44	-4	-8.3%	\$22,067	\$33,837	\$25,017	\$40,952	1	4	0	5	Bachelor's degree	None	None	6	6	8	12	6							

[illegible]

C	NEXT	51-7011	Cabinetmakers and Bench Carpenters	193	200	7	3.6%	\$28,989	\$33,739	\$34,255	\$39,078	7	11	1	19	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
D	NOW	51-7021	Furniture Finishers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	
F	NEXT	51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	
F	NEXT	51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Saw	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	3	3	
B+	NEXT	51-7099	Woodworkers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	3	3	
B	NEXT	51-8012	Power Distributors and Dispatchers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	
C	NEXT	51-8013	Power Plant Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	5	3	
B+	NEXT	51-8021	Stationary Engineers and Boiler Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	
D	NEXT	51-8031	Water and Wastewater Treatment Plant and System Operators	196	179	-17	-8.7%	\$28,010	\$38,970	\$39,623	\$49,226	5	12	-2	15	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	
C	NEXT	51-8092	Gas Plant Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	
C	NEXT	51-8093	Petroleum Pump System Operators, Refinery Operators, and Gauge	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	4	
C+	NEXT	51-8099	Plant and System Operators, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	
B	NEXT	51-9011	Chemical Equipment Operators and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	
C+	NEXT	51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Sette	89	95	6	6.7%	\$31,806	\$40,293	\$39,881	\$48,352	2	7	1	10	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	
C	NEXT	51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and T	34	36	2	5.9%	\$27,898	\$31,338	\$30,410	\$34,083	1	3	0	4	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	4	
D	NEXT	51-9022	Grinding and Polishing Workers, Hand	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	
B	NEXT	51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	183	194	11	6.0%	\$43,237	\$49,737	\$49,842	\$58,574	6	14	1	21	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	
C+	NEXT	51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	161	166	5	3.1%	\$35,867	\$41,405	\$42,416	\$48,357	7	12	0	19	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	4	
C+	NEXT	51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Ope	n/a	n/a	n/a	n/a	\$30,193	\$36,786	\$35,360	\$41,913	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	4	
D	NEXT	51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	4	
C+	NEXT	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	579	531	-48	-8.3%	\$32,129	\$41,947	\$37,158	\$46,536	21	44	-5	60	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	
C	NEXT	51-9071	Jewelers and Precious Stone and Metal Workers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	4	
D	NEXT	51-9081	Dental Laboratory Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	
C	NEXT	51-9082	Medical Appliance Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	4	4	4	
B+	NEXT	51-9083	Ophthalmic Laboratory Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	
C	NEXT	51-9111	Packaging and Filling Machine Operators and Tenders	97	106	9	9.3%	\$33,033	\$37,276	\$37,222	\$43,675	4	7	1	12	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	
B	NEXT	51-9121	Painting, Coating, and Decorating Workers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	
B	NEXT	51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Ter	371	407	36	9.7%	\$38,201	\$43,286	\$45,176	\$49,959	11	28	4	43	High school diploma or equivalent	None	Moderate-term on-the-job training	6	6	6	6	8	
n/a	NEXT	51-9141	Semiconductor Processors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	
D	NOW	51-9151	Photographic Process Workers and Processing Machine Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	4	3	
B	NEXT	51-9161	Computer Numerically Controlled Tool Operators	118	132	14	11.9%	\$34,377	\$43,851	\$44,853	\$52,100	4	9	1	14	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	
C	NEXT	51-9162	Computer Numerically Controlled Tool Programmers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	Moderate-term on-the-job training	3	4	3	4	4	
C+	NEXT	51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Te	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	
C	NEXT	51-9193	Cooling and Freezing Equipment Operators and Tenders	47	50	3	6.4%	n/a	n/a	n/a	n/a	2	4	0	6	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	
D	NEXT	51-9194	Etchers and Engravers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	
C	NEXT	51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	4	
D	NEXT	51-9196	Paper Goods Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	
C+	NOW	51-9198	Helpers--Production Workers	432	434	2	0.5%	\$25,855	\$30,895	\$28,920	\$33,113	20	41	0	61	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	
B	NEXT	51-9199	Production Workers, All Other	166	189	23	13.9%	\$28,634	\$43,245	\$44,102	\$53,787	6	13	2	21	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	
				53-0000	Transportation and Material Moving Occupations	8,255	9,000	745	9.0%	\$23,956	\$35,092	\$30,309	\$40,417	406	663	74	1,143							
B	NEXT	53-1047	Firstline Supervisors of Transportation & Material Moving Workers,	297	315	18	6.1%	\$35,400	\$50,136	\$41,645	\$54,719	11	21	2	34	High school diploma or equivalent	Less than 5 years	None	3	4	3	4	4	
B	LATER	53-2011	Airline Pilots, Copilots, and Flight Engineers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	5	5	6	6	5	
A	NEXT	53-2012	Commercial Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	5	5	6	6	5	
C+	NEXT	53-2021	Air Traffic Controllers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate degree	None	Long-term on-the-job training	4	5	6	6	5	
B	NEXT	53-2022	Airfield Operations Specialists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	4	5	6	
C+	NOW	53-3031	Driver/Sales Workers	203	221	18	8.9%	\$21,259	\$32,532	\$27,883	\$40,412	9	14	2	25	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	4	
B+	NEXT	53-3032	Heavy and Tractor-Trailer Truck Drivers	1,521	1,623	102	6.7%	\$35,281	\$46,418	\$45,163	\$57,215	64	107	10	181	Postsecondary non-degree award	None	Short-term on-the-job training	3	3	3	4	3	
B+	NOW	53-3033	Light Truck or Delivery Services Drivers	378	434	56	14.8%	\$24,374	\$39,481	\$32,726	\$48,534	17	28	6	51	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	
C+	NEXT	53-3052	Bus Drivers, Transit and Intercity	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	
A	NOW	53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	1,004	1,204	200	19.9%	\$19,998	\$26,856	\$20,858	\$31,882	73	55	20	148	No formal educational credential	None	Short-term on-the-job training	3	3	4	4	3	
C+	NOW	53-3099	Motor Vehicle Operators, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	4	
n/a	NEXT	53-4011	Locomotive Engineers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	3	3	3	4	3	
n/a	NEXT	53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	4	
n/a	NEXT	53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Fiers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	6	6	6	6	8	
n/a	NEXT	53-4031	Railroad Conductors and Yardmasters	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	4	4	3	
B	NEXT	53-5021	Captains, Mates, and Pilots of Water Vessels	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	Less than 5 years	None	3	5	3	4	3	
D	NOW	53-6021	Parking Lot Attendants	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	4	4	4	
C	NOW	53-6031	Automotive and Watercraft Service Attendants	n/a	n/a	n/a	n/a	n/a	\$30,176	\$30,363	\$37,222	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	
C+	NEXT	53-6051	Transportation Inspectors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	
n/a	NOW	53-6061	Transportation Attendants, Except Flight Attendants	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	4	
D	NOW	53-6098	Aircraft Service Attendants and Transportation Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	
n/a	NOW	53-7011	Conveyor Operators and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	4	
C	NEXT	53-7021	Crane and Tower Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	3	3	3	3	3	
B	NOW	53-7051	Industrial Truck and Tractor Operators	437	472	35	8.0%	\$27,630	\$34,470	\$32,974	\$39,448	14	35	4	53	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	
B	NOW	53-7061	Cleaners of Vehicles and Equipment	467	507	40	8.6%	\$23,097	\$26,505	\$25,291	\$28,889	24	43	4	71	No formal educational credential	None	Short-term on-the-job training	3	3	3	4	3	
B+	NOW	53-7062	Laborsers and Freight, Stock, and Material Movers, Hand	2,016	2,193	177	8.8%	\$24,284	\$28,528	\$28,246	\$31,578	92	183	18	293	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	4	
C+	NOW	53-7063	Machine Feeders and Offbearers	59	64	5	8.5%	\$34,022	\$35,629	\$36,558	\$3													

Notes

- 1. n/a = Data suppressed due to confidentiality or lack of statistically significant data.
- 2. Net Employment Change (Column G) is the difference in the number of jobs between the base and projected years.
- 3. Percent employment change (Column H) indicates how fast employment is expected to increase or decrease during the projection period.
- 4. Annual Exit Openings (Column M) are an estimate of the annual number of jobs that will arise from the need to replace workers who have left the workforce entirely.
- 5. Annual Transfer Openings (Column N) are an estimate of the annual number of jobs that will arise from the need to replace workers who have transferred to a different occupation.
- 6. Annual Growth Openings (Column O) are the annual numeric change in employment.
- 7. Annual Total Openings (Column P) are the sum of exit, transfer, and growth openings.

Occupation Grade

The occupation grades, or "career grades", are based on a combination of total job openings, percent growth, and the average wages of an occupation. Occupations with the letter grade "A+" have the best outlook, while occupations with the letter grade "F" have the worst outlook. Grades in each region are determined by comparing only the occupations within that region.

STEM

Refers to Science, Technology, Engineering, and Math occupations. "Core" occupations are those that strictly use STEM skills. "Related" occupations are those that use related STEM skills.

N_N_L: "Now, Next, Later"

Now: Typically requires short-term on-the-job training, little to no experience, and/or a high school diploma
Next: Typically requires non-degree certificate, associate’s degree, apprenticeship, some experience, or moderate- to long-term training
Later: Typically requires a bachelor’s degree or higher

ACT WorkKeys Assessments

ACT WorkKeys® assessments measure foundational skills required for success in the workplace, and help measure the workplace skills that can affect job performance. Scores are provided for three different categories: Applied Math, Workplace Documents, and Graphic Literacy. Each assessment offers varying levels of difficulty. The levels build on each other, incorporating the skills assessed at the previous levels. For example, at Level 5, individuals need the skills from Levels 3, 4, and 5. The minimum and median score required for each occupation is shown, if available. For more information about WorkKeys skills, please visit the following website:
<https://www.act.org/content/act/en/products-and-services/workkeys-for-employers/assessments.html>